



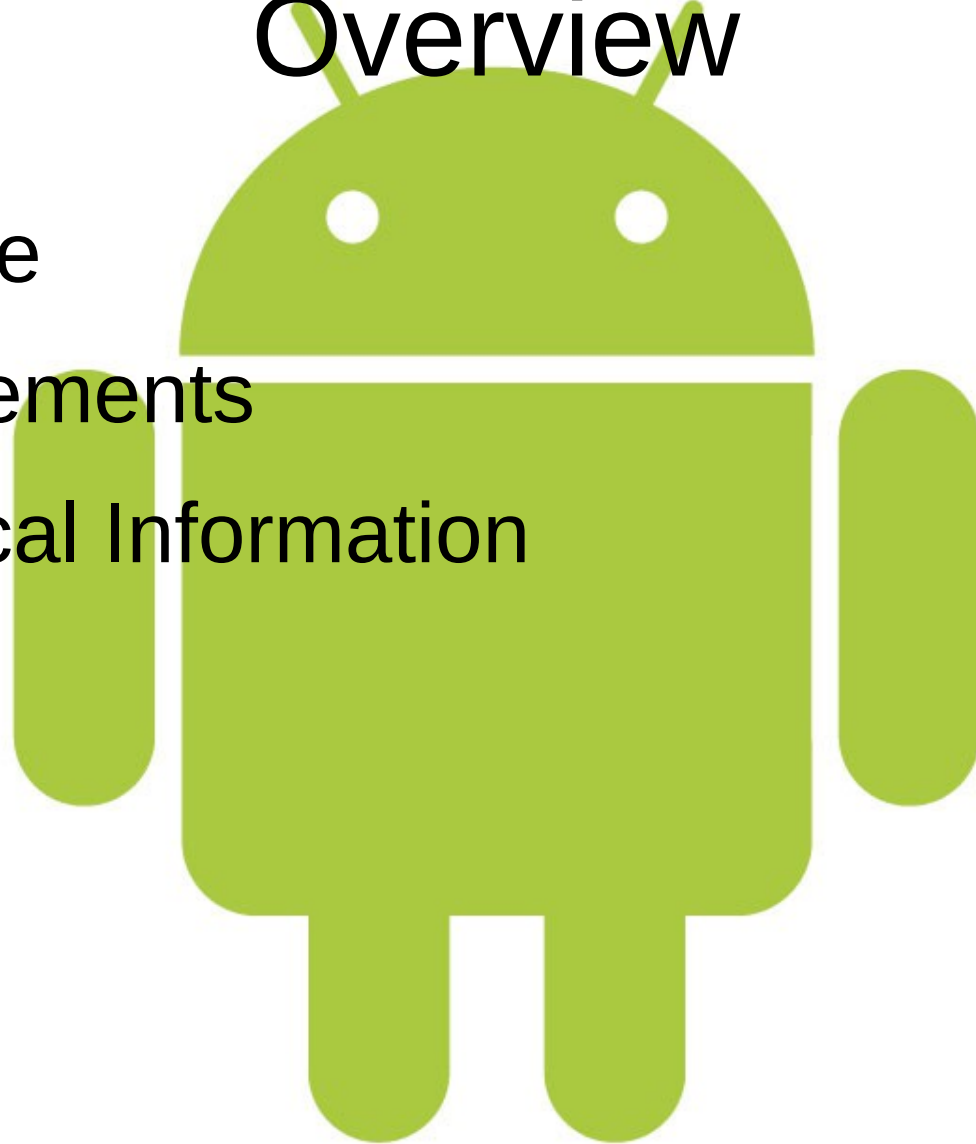
# Android Application for the Disabled

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# Overview

- Purpose
- Requirements
- Technical Information
- Budget



# Purpose



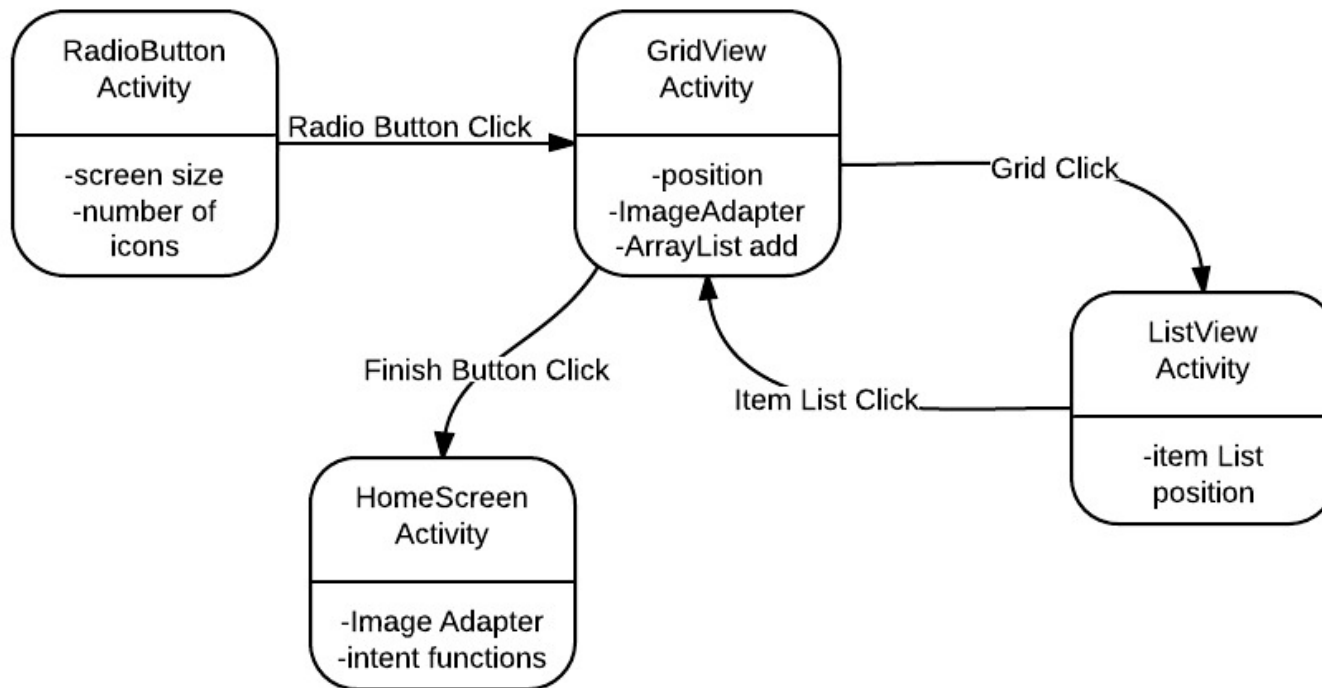
- Android smart phone application
- Phone launcher
- Help those with cognitive disabilities
- Other users
  - Vision problems
  - Technologically challenged

# Requirements

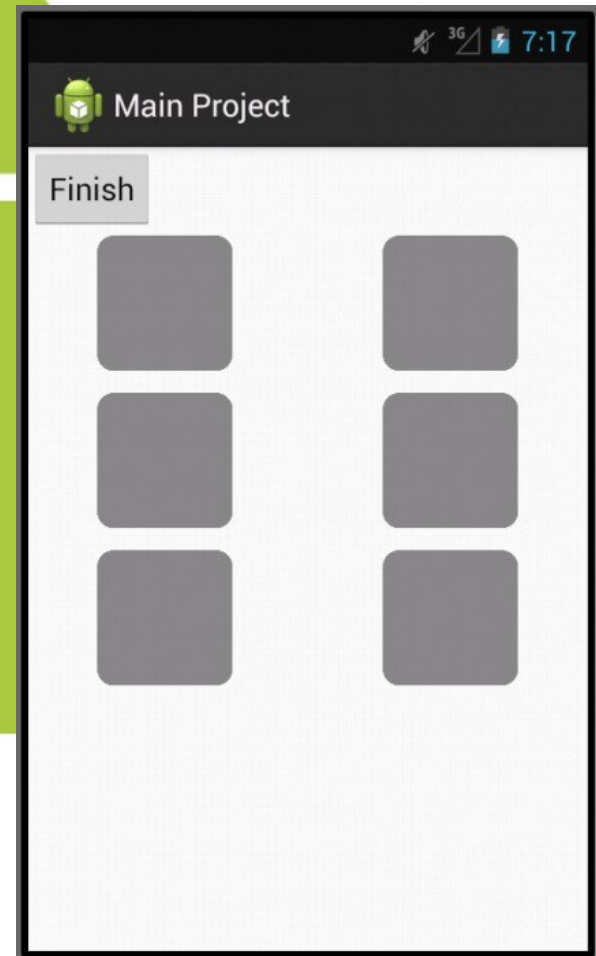
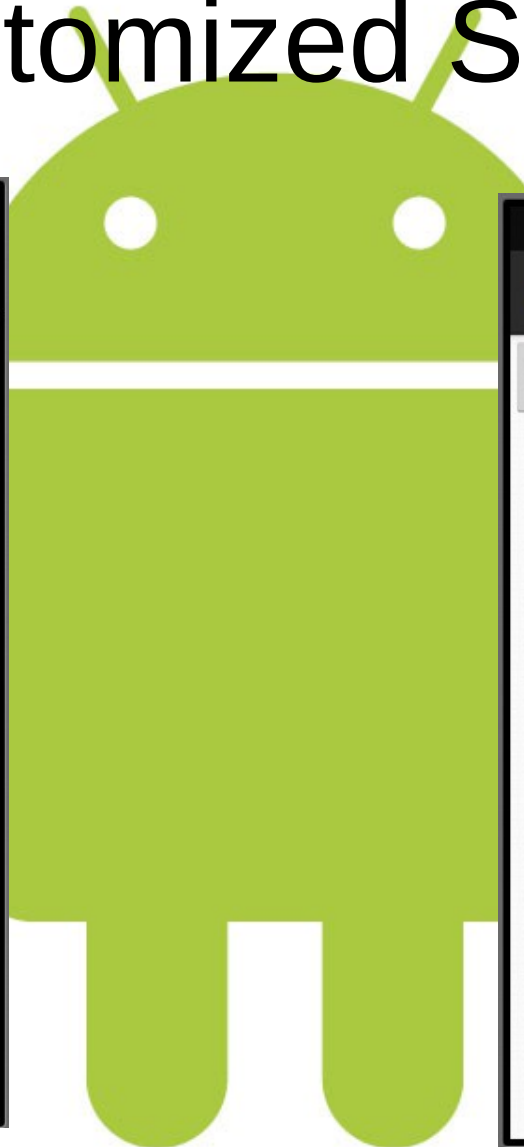
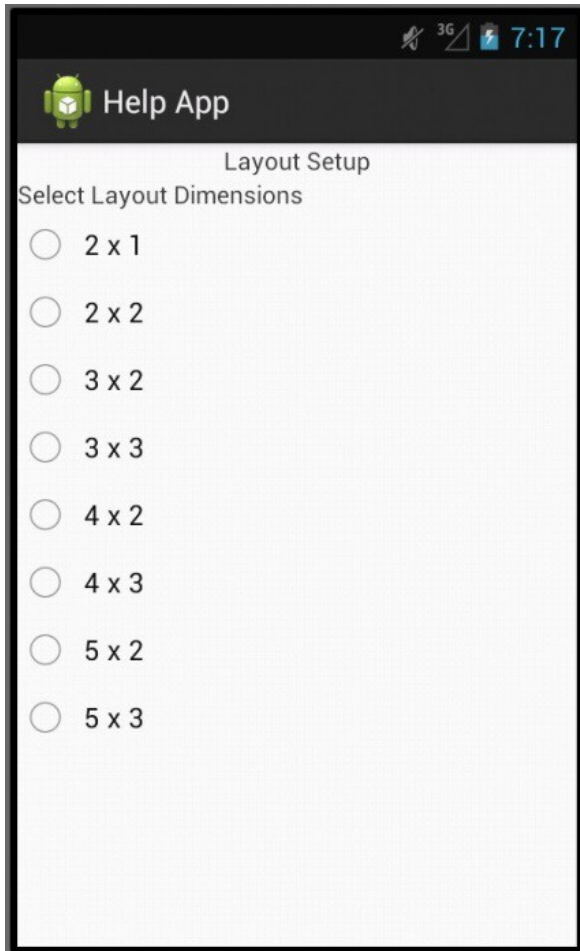


- Customized Setup
- Large, easy to read home screen
- Reminders
- GPS location and directions
- Low battery reminder
- Camera
- Notepad

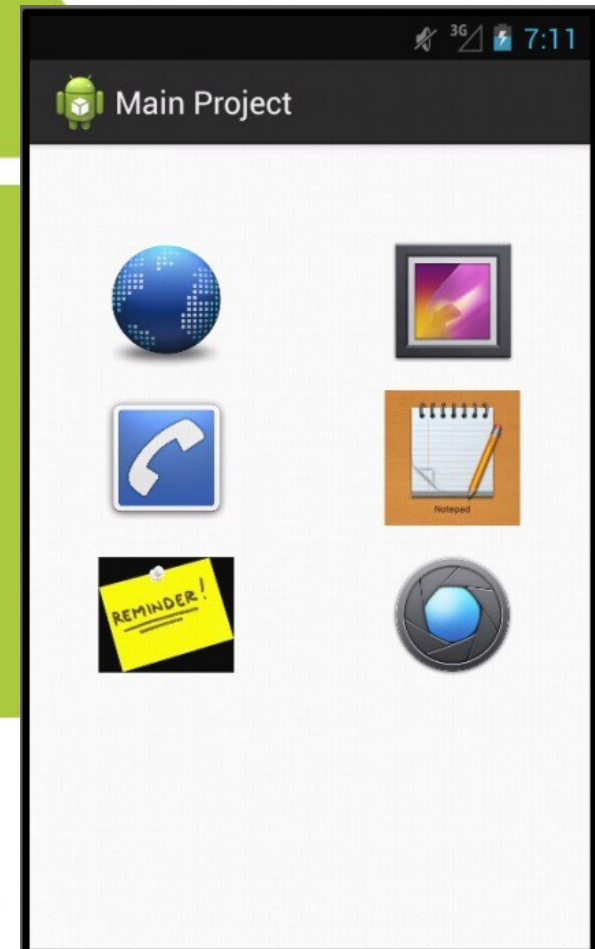
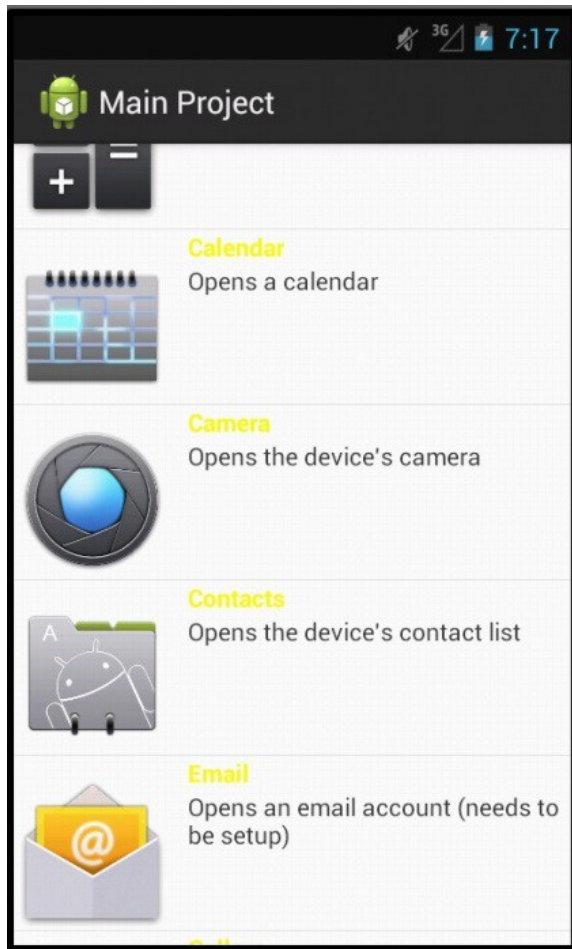
# Customized Setup



# Customized Setup



# Customized Setup



# Customized Setup



- Android classes used
  - Image and List Adapters
  - Intents (StartActivityForReturn, Set Results)
  - SetOnClickListener
- Android Views used
  - Linear, grid, list, image, text, buttons



# GPS App



User clicks on the  
GPS app.

User will be taken to a  
new screen.

Two text box and a button will be shown :  
Source Address-To enter your current address.  
Destination Address- To enter your destination address.  
Get Direction button.

User clicks on the button "Get Direction"  
and the direction to his destination will be  
shown.

# GPS App

AT&T 11:31

GPS

Enter source address

Fargodome,fargo

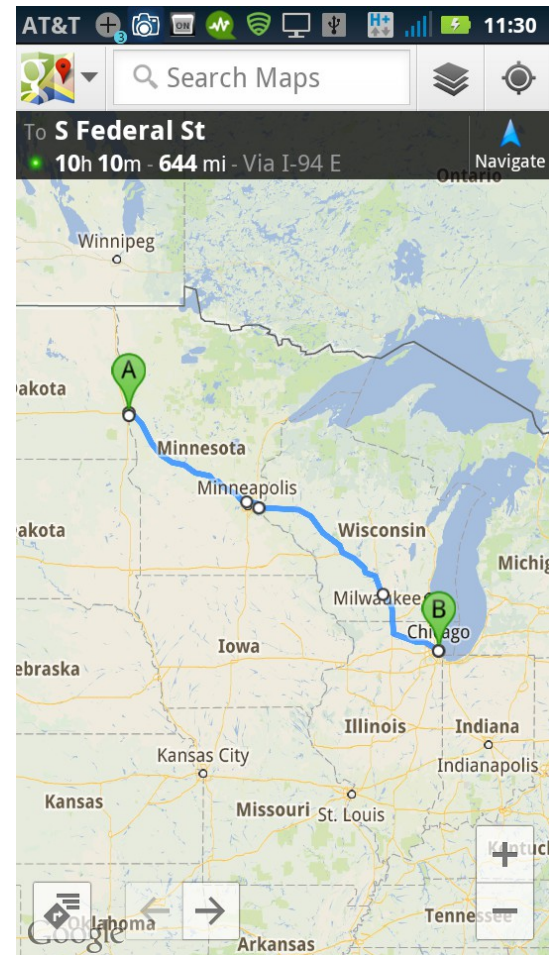
Enter destination address

Chicago

Get direction

Chicago

1	2	3	4	5	6	7	8	9	0
@	#	\$	%	&	*	-	+	(	)
ALT	!	"	'	:	;	/	?	<	x
ABC	,		.						



# Reminder

- This app will help user to set reminders.
- User will be able to set the title, description and location.
- When the reminder go off, a new screen containing all the details set by the user will be shown including the location button being highlighted.
- When the user clicks on the location button, google map will be shown showing the direction to the location from their current location.

# Reminders

AT&T 11:39

Reminder

Enter Event Title

Presentation

Enter Event Location

ECE Buildiing

Enter Event Description

ECE 403 Presentation

Set Event Reminder

AT&T 11:41

View event

**Presentation**

Calendar Phone calendar

May 1, 11:40pm – May 2, 12:40am

Daily

[ECE Building](#)

ECE 403 Presentation

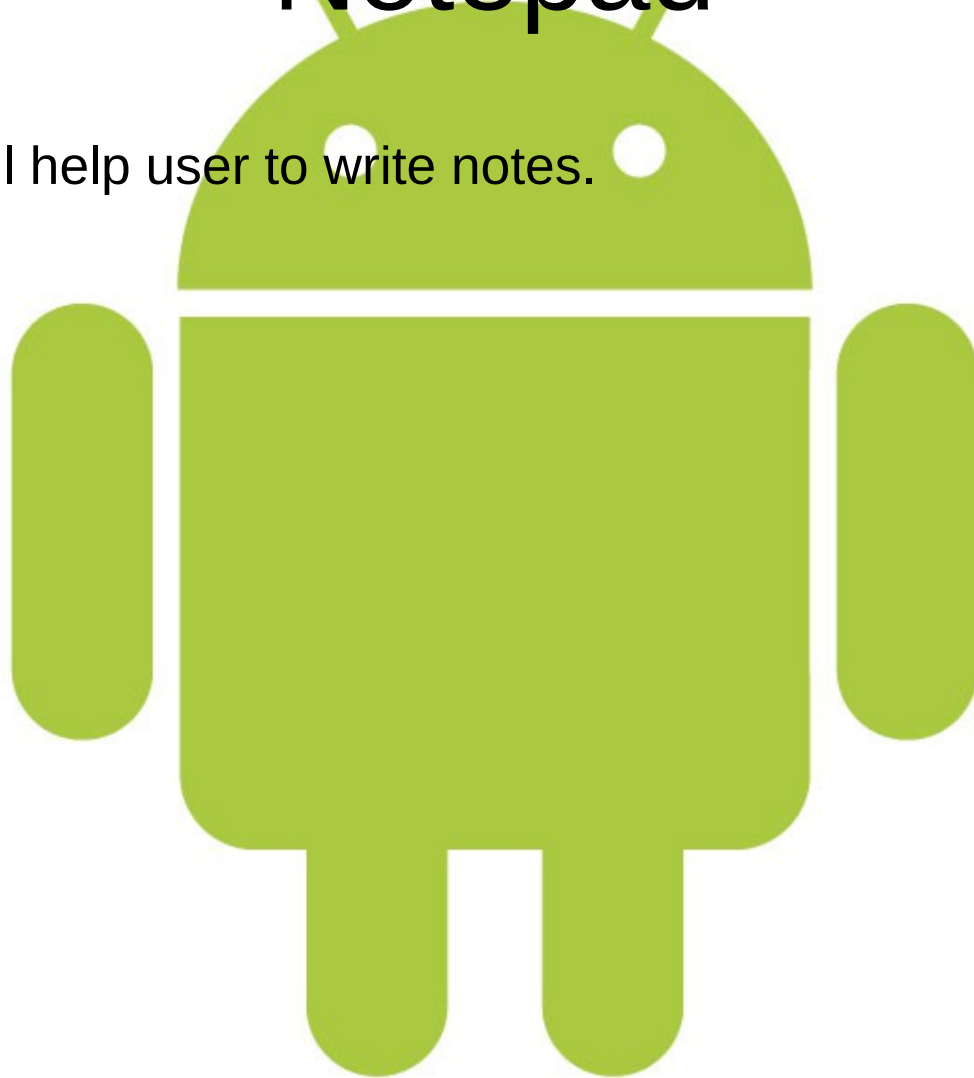
Reminders

15 minutes

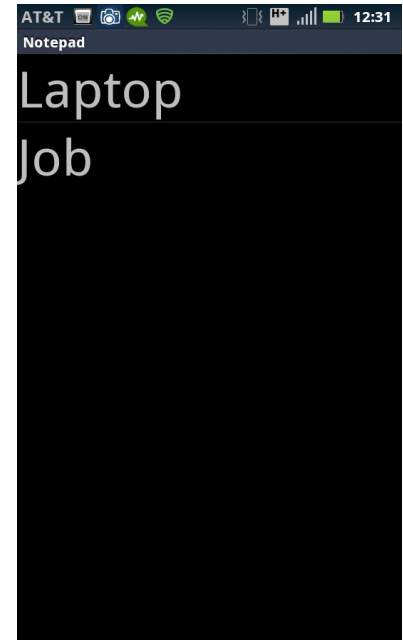
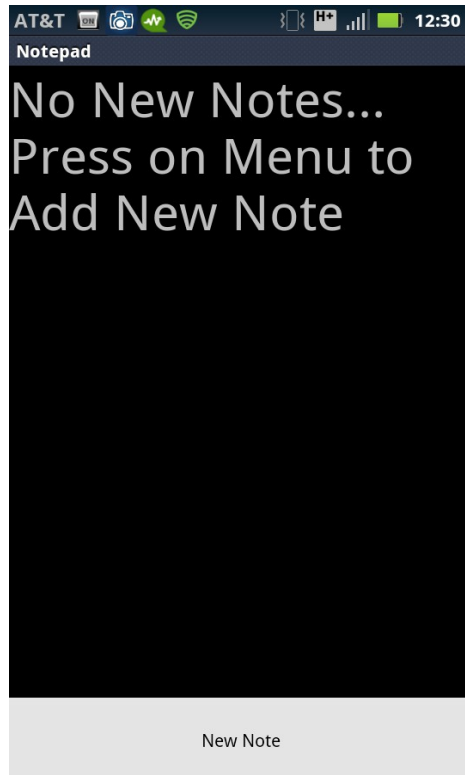
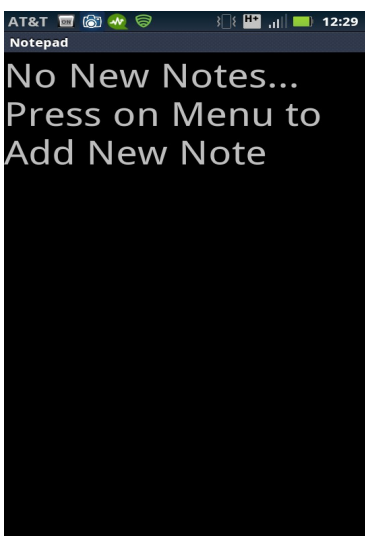
Add reminder

# Notepad

- This app will help user to write notes.



# Notepad



# Budget



- \$0
- All development tools free for download online
- Possible Google Play fee